

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

MARK S. KNIGHTON, ET AL.

Application No.:

Art Group: 2877

Filed:

Examiner: Vincent P. Barth

For: **DIGITIZER USING INTENSITY
GRADIENT TO IMAGE FEATURES OF
THREE-DIMENSIONAL OBJECTS**

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted concurrently with the Divisional Continuation Application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Copies of the references cited on PTO/SB/08 are enclosed herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP



Thomas M. Coester, Reg. No. 39,637

Date: September 17, 2003

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(310) 207-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Susan M. Barrette 09-17-03

Date

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<p><i>Complete if Known</i></p>	
Sheet	1	of	4	Application Number	
				Filing Date	
				First Named Inventor	Mark S. Knighton
				Art Unit	2877
				Examiner Name	Vincent P. Barth
				Attorney Docket Number	4956P002D

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-3,636,250	01-18-1972	Andrew V. Haeff	
		US-4,089,608	05-16-1978	H. W. Hoadley	
		US-4,564,295	01-14-1986	Maurice Halioua	
		US-4,590,608	05-20-1986	Pi-Fuay chen, et al.	
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		US-4,705,401	11-10-1987	D. A. Addleman, et al.	
		US-4,724,525	02-09-1988	Brian G. Purcell, et al.	
		US-4,737,032	04-12-1988	D. A. Addleman, et al.	
		US-4,802,759	02-07-1989	Goro Matsumoto, et al.	
		US-4,846,577	07-11-1989	John R. Grindon	
		US-5,056,914	10-15-1991	Jerome C. Kollodge	
		US-5,067,817	11-26-1991	Paul Glenn	
		US-5,131,844	07-21-1992	P. J. Marinaccio, et al.	
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		US-5,216,817	06-08-1993	K. W. Misevich, et al.	
		US-5,218,427	06-08-1993	Stephen K. Koch	
		US-5,231,470	07-27-1993	Stephen K. Koch	

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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	
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				Examiner Name	Vincent P. Barth
				Attorney Docket Number	4956P002D
Sheet	2	of	4		
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		T ² BRIAN CARRIHILL and ROBERT HUMMEL, <i>Experiments with the Intensity Ratio Depth Sensor</i> , Computer Vision, Graphics and Image Processing 32, 1985, pgs. 337-358, New York, New York			
		www.pointcloud.com/pages/Home.html, "Point Cloud," 5 pages			
		deskeng.com/3dd.htm, "Desktop Engineering, The Complete Computing Resource for Engineers," 1977 Helmers Publishing, Inc., 1 page			
		www.geometrixinc.com/mainwin.html, "Who says you can't build Rome in a day?", 4 pages			
		www.inharmonyttech.com/venus3d.index.html, "Introducing Venus 3D," 4 pages			
Examiner Signature				Date Considered	

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		Number - Kind Code ² (If known)			
		US-5,237,404	08-17-1993	Tanaka, et al.	
		US-5,285,397	02-08-1994	Helmut Heier, et al.	
		US-5,289,264	02-22-1994	Hans Steinbichler	
		US-5,307,292	04-26-1994	C. A. Brown, et al.	
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		US-5,414,647	05-09-1995	S. E. Ebenstein, et al.	
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		US-5,627,771	05-06-1997	Toshikazu Makino	
		US-5,636,025	06-03-1997	L. H. Bieman, et al.	
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		US-5,661,667	08-26-1997	Kurt D. Rueb, et al.	

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		Number - Kind Code ² (if known)			
		US-5,678,546	10-21-1997	Michael Truppe	
		US-5,689,446	11-18-1997	Arjen Sundman, et al.	
		US-5,704,897	01-06-1998	Michael J. Truppe	
		US-5,747,822	05-05-1998	Michael J. Sinclair, et al.	
		US-5,771,310	06-23-1998	William M. Vannah	
		US-5,794,356	08-18-1998	Simon Raab	
		US-5,805,289	09-08-1998	N. R. Corby, Jr., et al.	
		US-5,864,640	01-26-1999	J. L. Miramonti, et al.	
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		US-5,907,359	05-25-1999	Tohru Watanabe	
		US-5,910,845	06-08-1999	Thomas M. Brown	
		US-5,944,598	08-31-1999	Alan K. W. Tong, et al.	
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		US-6,040,910	03-21-2000	Wu, et al.	
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		US-6,091,905	07-18-2000	Yahav, et al.	
		US-6,100,517	08-08-2000	Yahav, et al.	

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